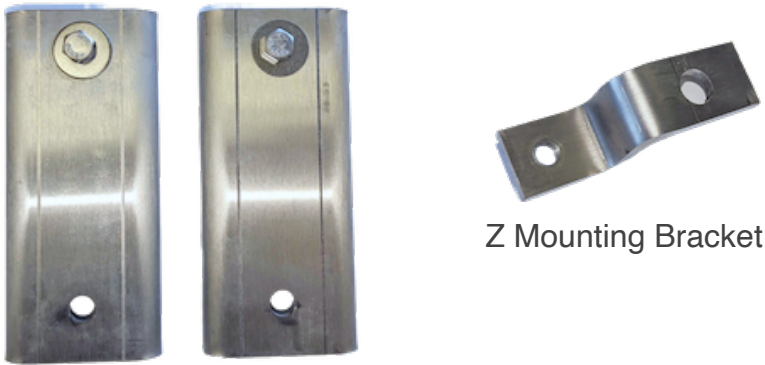The PULSA Weight Puck is an industrial grade weight sensor, designed to simplify the installation process of a weight sensor under a heavy tank. Powered by advanced software, the Puck is placed under one leg of a liquid cylinder and measures partial tank weights to determine accurate inventory levels. The PULSA software automatically transforms the partial weight readings into expected inventory levels based on the setup criteria and proprietary machine learning algorithms. The PULSA app setup wizard incorporates a standard tank library to determine tank weights and full and empty weight expectations. The PULSA system also provides software tools and notifications to post calibrate the Puck readings once it is installed. The PULSA Weight Puck can operate with the PULSA Link and the PULSA Frontier Link devices. Paired with the PULSA Frontier Link or Link device, there are no buttons or ongoing maintenance required and the battery is user replaceable. The entire system is weatherproof allowing for reliable performance in even the harshest outdoor conditions.

Performance Details

Puck Weight Sensor Specifications	
Weight range	0 to 500 lbs
Safe overload	2400 lbs
Weight accuracy	±1.00% FS
Non-linearity	±0.05% FS
Hysteresis	±0.05% FS
Repeatability	±0.05% FS
Creep	±0.05% FS / 30 Min
Protection class	IP68
Operating temperature	-20 to 60°C (-4 to 140°F)
Dimensions (puck)	3.1" diameter x 0.85" height
Puck Weight Leg Platform Weight	1.3 lbs 4 lbs x 2
Measurement frequency	Link - 6 minutes Frontier Link - 10 or 15 minutes
Battery life[1]	10+ yrs (with Frontier Link device) 5+ yrs (with Link device)
Battery	Replaceable 3.6V
Low battery warning	Yes, app notification
Puck material Leg mounts material	Nickel plated 4140 Steel 304 stainless steel

Weight Puck

Leg Platform Mounts

Z Mounting Bracket

Use Instructions

1. Follow puck installation guide - Pulsa.io/puck
2. Scan QR code and configure Puck in Pulsa app
3. Confirm and calibrate sensor readings in Pulsa app

Additional support available at help.pulsasensors.com

Certifications with Link Devices

FCC	FCC	Granted
CE	CE	Granted
ETL Intertek	ETL	Pending
IC	IC	Granted

RoHS

Notes:
1. First sensor readings may take up to 10 minutes to register on Pulsa dashboard.